

Epson Professional Imaging | The Art of Performance.



EPSON SureColor[®] S-Series

The Way Solvent Printing Should Be.

Sales Reference Guide v1.3

Introducing the All New
EPSON SureColor S-Series

All New Internal Printer Development by Epson. Focused on Three Different Goals.
Extreme Value. Extreme Performance. Extreme Quality.



EPSON SureColor S30670

\$16,995 MSRP

Developed with **extreme value** in mind, the all-new SureColor S30670 delivers class-leading performance at an aggressive price.



620 ft ²	205 ft ²	78 ft ²
Speed	Production	High Quality

EPSON SureColor S50670

\$25,995 MSRP

Capable of printing full color banners up to 980 ft² per hour and the option to print using white ink up to 67 ft² per hour, making the SureColor S50670 **one of the fastest solvent printers available** today.



980 ft ²	280 ft ²	140 ft ²	67 ft ²	33 ft ²
Speed	Production	High Quality	Banner White	HQ White

EPSON SureColor S70670

\$25,995 MSRP

Utilizing up to 10 Colors, including a unique Light Black, Orange, White, and an all-new Metallic Silver, the SureColor S70670 will **redefine photographic print quality** for virtually any signage or fine art application.



550 ft ²	225 ft ²	142 ft ²	32 ft ²	43 ft ²	11 ft ²
HQ Banner	Production	High Quality	White	Metallic	White + Metallic



EPSON Solvent Ink Technology

EPSON UltraChrome[®] GS2

EPSON UltraChrome[®] GSX

Please Note:

For greater reliability, the EPSON SureColor S-Series family of printers are designed **exclusively** for use with EPSON ink cartridges and not with other brands of cartridges or inks.¹



SureColor S30670

EPSON UltraChrome GS2

4-Color



C M Y K



SureColor S50670

EPSON UltraChrome GS2

Dual 4-Color + Optional White



C M Y K W



SureColor S70670

EPSON UltraChrome GSX

8-Color + Optional White & Metallic Silver



C M Y K Lc Lm Lk Or W S



EPSON UltraChrome GS2

A Next Generation Solvent Ink Technology

EPSON SureColor S30670

EPSON SureColor S50670

next
generation
solvent ink



■ New Third-Generation Solvent Chemistry from Epson

- Extremely fast drying
- Superior media compatibility and durability
- No special ventilation or air purification required²
- Meets the chemical requirements of the Nordic Ecolabel (Nordic Swan)

■ New High-Performance Yellow

- Newly patented technology by Epson
- Developed without the use of any Nickel compound
- Designed for superior reliability with the EPSON MicroPiezo TFP print head

■ EPSON AccuPhoto™ GS2 Screening

- Capable of producing outstanding photographic prints - utilizing only 4 colors

■ New High-Density White Ink

- Newly-formulated, proven Titanium Dioxide based chemistry
- Up to 3.8 times better opacity than current solvent-based white inks
- Very fast dry times compared to current solvent-based white inks
- Patented formulation to reduce ink sedimentation and dry-out
- Built-in automatic printer ink circulation system for reduced user maintenance

next
generation
solvent ink

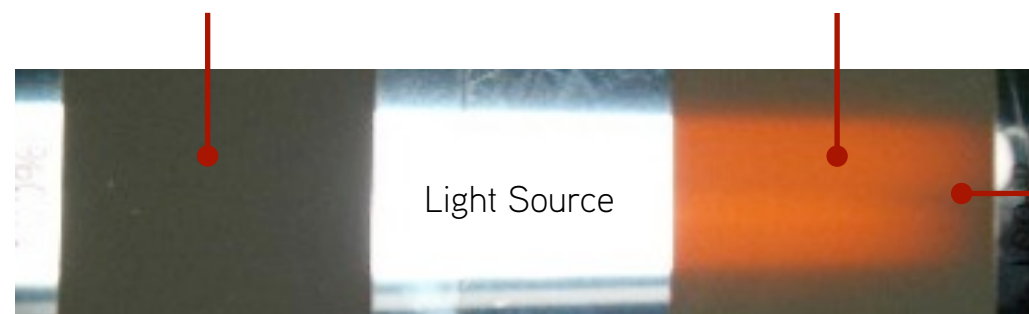


EPSON UltraChrome

Transmittance of Light 1.8%

Competitor

Transmittance of Light 7.0%



1,440 x 720 dpi
Maximum Duty

1,440 x 720 dpi
Maximum Duty

White Ink Printed on
LINTEC E1000ZC
Epson Testing Labs



EPSON UltraChrome GSX

A Next Generation Solvent Ink Technology

EPSON SureColor S70670

EPSON®

Built to Perform.

next
generation
solvent ink



■ Same Base Solvent Chemistry as EPSON UltraChrome GS2

- Including faster dry times
- And a new high-performance yellow ink

■ Additional Light-Black Ink

- New lighter-shade of black for improved grayscale and reduced metamerism

■ Additional Orange Ink

- Extends the overall color gamut beyond any other form of solvent printing
- For indoor and short term outdoor signage applications with UV lamination

■ EPSON AccuPhoto™ GSX Screening

- New advanced form of mesh capable of producing a level of photographic print quality beyond any other form of sign printing
- Capable of producing the world's most demanding fine art reproductions

■ True Metallic Silver Ink

- New Small Particle Aluminum Technology - as small as $1.0\ \mu m$
- Capable of printing up to twice the speed as other metallic inks - up to $43\ \text{ft}^2/\text{hr}$
- High water resistance for extreme reflective metallic levels
- Low viscosity technology to improve the accuracy of dot placement
- Can be mixed with other colors to create an unlimited number of metallic shades
- Built-in automatic ink circulation system for reduced user maintenance
- Included Metallic Silver swatch book and spot color library with profiles available online for download at no cost (for use with any version of the the onyx RIP)



For details on how to best use this new EPSON ink technology with your particular RIP, please consult your RIP vendor.

next
generation
solvent ink



■ Optional Ink Configuration

- The SureColor S50670 can be optionally configured with White Ink at no additional hardware cost. Customers will only need to purchase a starter ink pack with the included white ink cartridges.
- The SureColor S70670 can be optionally configured with White Ink and Metallic Silver ink at no additional hardware cost. Customers will only need to purchase a starter ink pack with the included White and Metallic Silver ink cartridges. White and Metallic Silver must always be installed together.

■ Removing Spot Colors

- After installation, customers who find they are not using the optional inks and want to remove them, can remove these spot colors from the printer.
- This is a one time process and the spot color channels can never be re-enabled for the life of the printer.
- Removing the spot colors will require cleaning cartridges and customers to keep the “replacement cartridges” that are included with the printer (or purchase new “replacement cartridges” from Epson).

	Un-Laminated	Laminated		
	Full Color	Full Color + Orange	White	Metallic Silver
EPSON SureColor S30670	3 Years	–	–	–
EPSON SureColor S50670	3 Years	–	1 Year	–
EPSON SureColor S70670	3 Years	In testing	1 Year	3 Weeks

NOTES:

All print results are based upon prints printed on adhesive backed vinyl.

Unlaminated test results based upon Epson Testing Labs using the ISO 18930 print durability standard.

White and Metallic Silver ink results judged by the gloss level reduction thresholds per ISO 18930 standards.

Full Color + Orange is currently in testing. Avery currently offers a warranty including Orange Inks. Please see <http://graphics.averydennison.com>

Orange, white, and metallic inks will be less durable in outdoor conditions. Durability numbers above are estimates of maximum image permanence. Your actual results may vary depending upon media type used, environmental display conditions and other factors.

Epson does not warrant durability.⁴

Please visit 3M and Avery web sites for laminated durability claims using their warranty programs.

■ No Special Ventilation or Air Purification Required²

- Virtually odor-free
- Meets the requirements of California Prop 65

■ No Specified Fluorine Compounds (PFOS & PFOA)

- Visit <http://www.epa.gov/opptintr/pfoa/> for more details

■ Meets the Chemical Requirements for Nordic Swan

■ Inks Do Not Contain Nickel (Ni) Compounds

- Visit <http://www.epa.gov/ttn/atw/hlthef/nickel.html> for more details

■ Extremely Power Efficient

- Power usage of less than 900W when printing - Less than 15W in sleep mode

Epson
Environmental
Vision





EPSON MicroPiezo® TFP®

The World's Most Advanced Print Head Technology

EPSON SureColor S30670

EPSON SureColor S50670

EPSON SureColor S70670

exotic
print head
technology

■ Advanced Thin Film Piezo (TFP) Technology

- Extreme dot placement accuracy for unmatched print quality
- Improved reliability for reduced downtimes
- About twice the print speed versus our previous generation print head technology
- Developed for EPSON UltraChrome GS2 and GSX solvent inks for increased reliability

■ Extreme Print Resolutions

- Capable of print resolutions up to 1,440 x 1,440 dpi
- True 720 dpi per color channel per single print pass - SC-S30670 & SC-S70670
- True 1,440 dpi per color channel per single print pass - SC-S50670
- Enhanced Variable Droplet Technology as small as 4.2 picoliter

■ Automatic Print Head Alignment & Nozzle Check Technology

- Built-in LED sensor accurately aligns all print head channels
- Built-in LED sensor can detect a nozzle clog and alert the operator

■ Automatic Media Feed Adjustment

- Built-in LED sensor accurately adjusts the media feed speed
- System communicates with the fully motorized media feeding system

■ Print Head Redundancy Technology (SC-S50670 and SC-S70670 only)

- The SC-S50670 and SC-S70670 contain two print heads. If one print head should ever fail and require service, the operator may still operate the printer using only a single print head (at half speed) while waiting for service





Product **Features**

EPSON SureColor S-Series

s-series
S30 | S50 | S70

EPSON SureColor S30670
Standard Configuration Shown



103" W x 50" D x 52" H
482 lb.

s-series
S30 | S50 | S70

EPSON SureColor S50670
Standard Configuration Shown



103" W x 50" D x 52" H
525 lb.

S-series
S30 | S50 | S70

EPSON SureColor S70670
Standard Configuration Shown



103" W x 50" D x 52" H
505 lb.



SureColor
S30670

EPSON ULTRA
CHROME
GS2

BK

Y

M

C



Front-Loading Ink Cartridges
Individual Ink Cartridges up to 700 ml each

SureColor
S50670



Front-Loading Dual Ink Cartridges
Total Ink Capacity of 1,400 ml per Color
Total Ink Capacity of 1,200 ml for White

SureColor
S70670



Front-Loading Ink Cartridges
Total Ink Capacity of 700 ml per Color
Total Ink Capacity of 600 ml for White
Total Ink Capacity of 350 ml for Metallic Silver



Highly Visible Error & Alert Lamp
Also creates an audio alert if desired

Menu Shortcut Keys
Access frequently used menu items quickly

Full Color 2.5-Inch LCD Panel
All new user interface design



Media Release Level
Accessible from both the front and behind the printer

Gigabit Ethernet & USB 2.0

Standard 110v Power

Standard Heavy-Roll Support
Up to 90 lb. support with motorized take-in

Standard Take-up Reel
Motorized take-up
Supports both wind-in or wind-out

Disposable Ink Waste Tank
Can be simply emptied or available as a consumable



All-New Roll-Media Loading System
New spindle-less design with manual
EPSON LiftAssist Technology



Optional High-Capacity Roll Support
Heavy-roll support up to 135 lb.

Optional High-Speed Dryer*



*Standard on the EPSON SureColor S50670
Recommended for the SC-S70670 if a lot of White or Metallic Silver printing is expected

■ New Robotic Laser Welding Technology

- Unique manufacturing process developed by Epson for extreme precision
- Produces an extremely rigid printer frame with no material deformation
- Eliminates over 350 bolts within the core printer mechanism

■ Hand Assembled by a Single Technician

- Like most exotic cars, each SureColor printer's final assembly is performed by a single, highly-trained technician for superior final build quality

■ Superior Overall Product Reliability

- Final product quality is significantly increased over previous EPSON solvent technology
- This could quite possibly be the most reliable solvent printer-line available

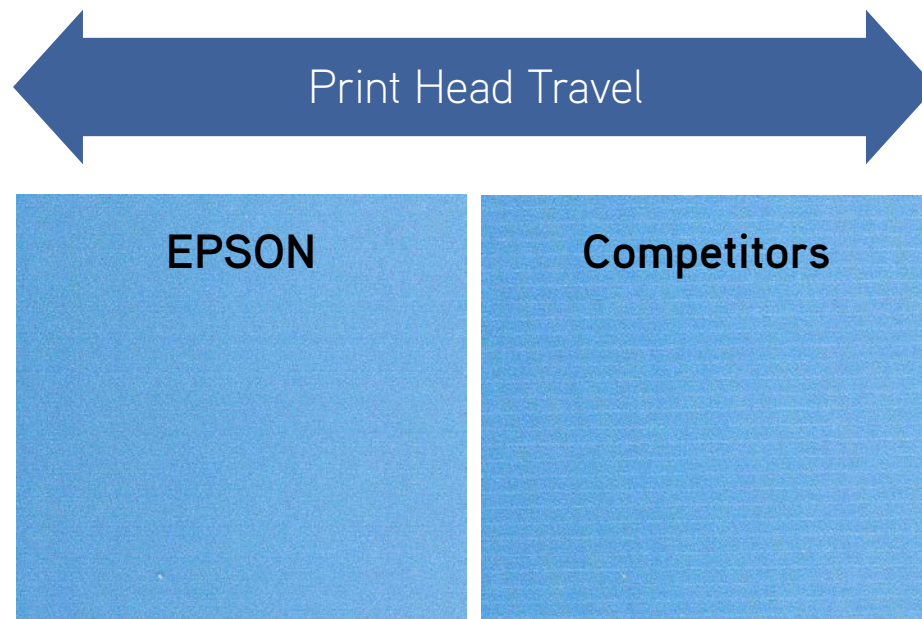


■ **Sensor-Based Auto Media Tension Control**

- Media feeding system is fully motorized for take-in and take-up
- Printer automatically controls the media tension and motor strength depending upon the remaining media and weight
- The result is less banding within solid fills

■ **Significantly Reduced Media Feed Error**

- Media feed error of about 0.4 mm over a 50 meter roll (164 ft)
- Typical competitors have about 1.9 mm of feed error over the same feed length
- The result? More accurate final dimensions for larger signage applications
- Removes the need to recalibrate at the beginning and end of heavy rolls



Scans of Actual Print Samples on Adhesive Vinyl Shown Above



Print **Performance**

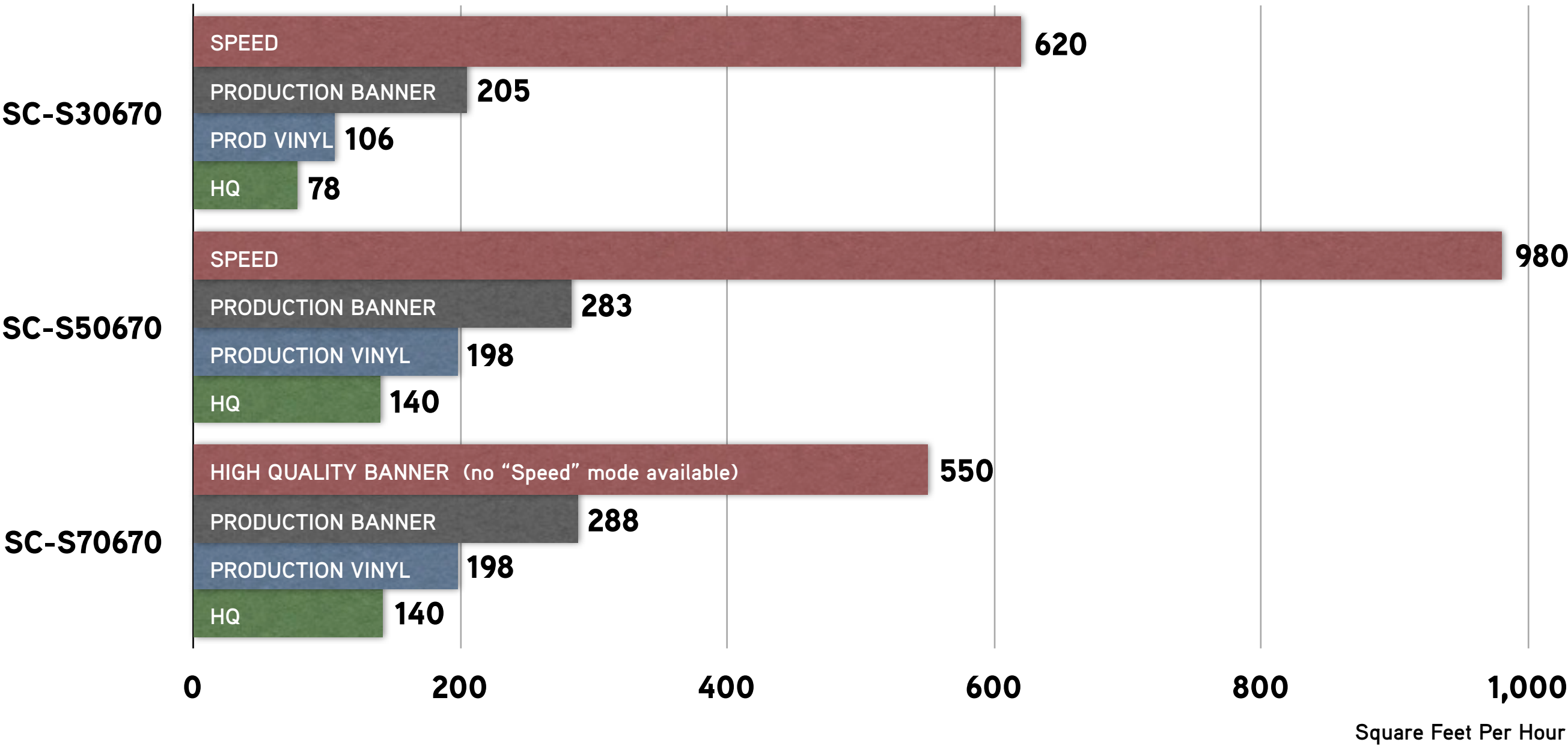
EPSON SureColor S-Series Comparison

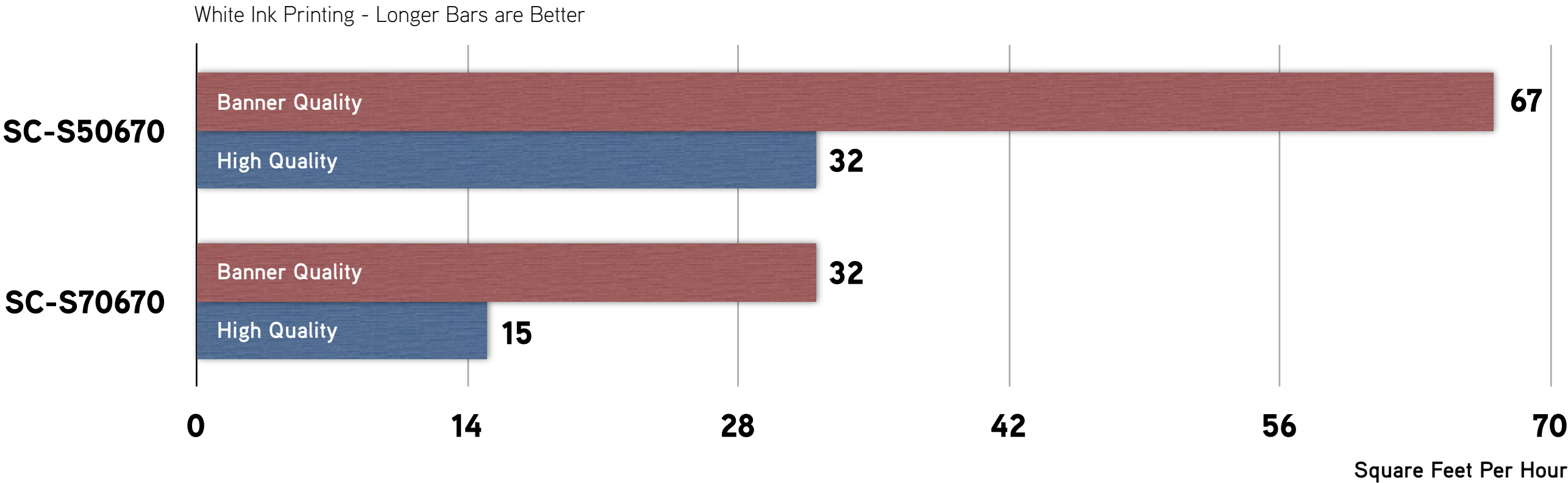
Please Note:

All print speeds shown in this document are based on print engine speed only, in bi-directional mode.

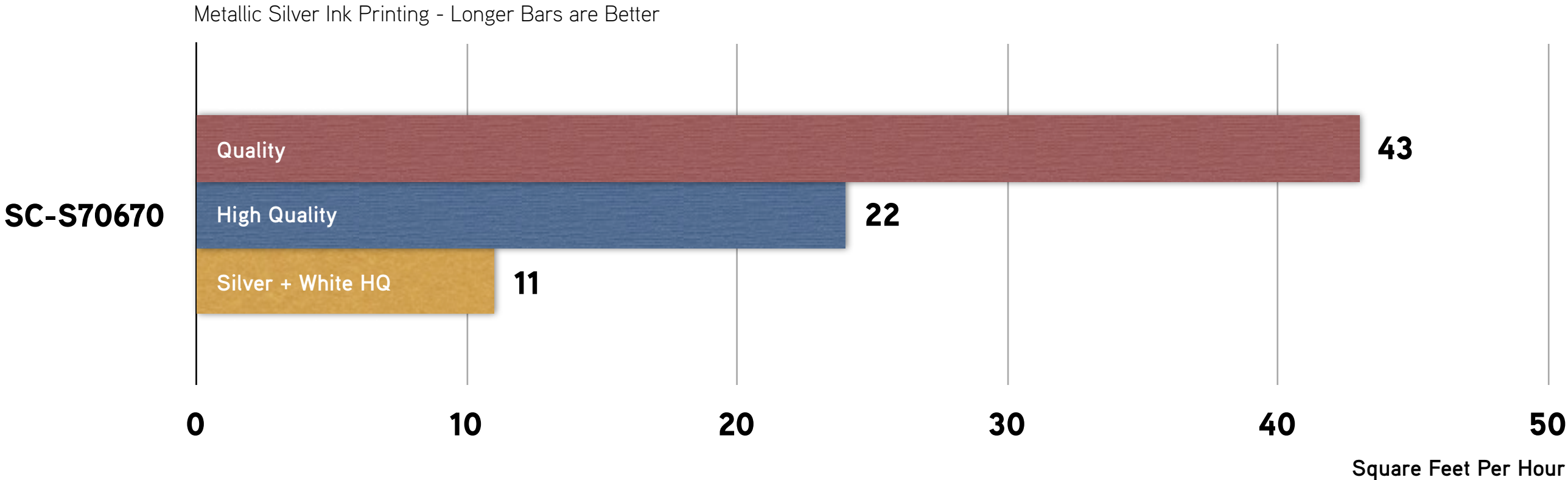
Total throughput times depend upon front-end RIP, file size, printer resolution, ink coverage, networking, etc.

Full Color Printing - Longer Bars are Better



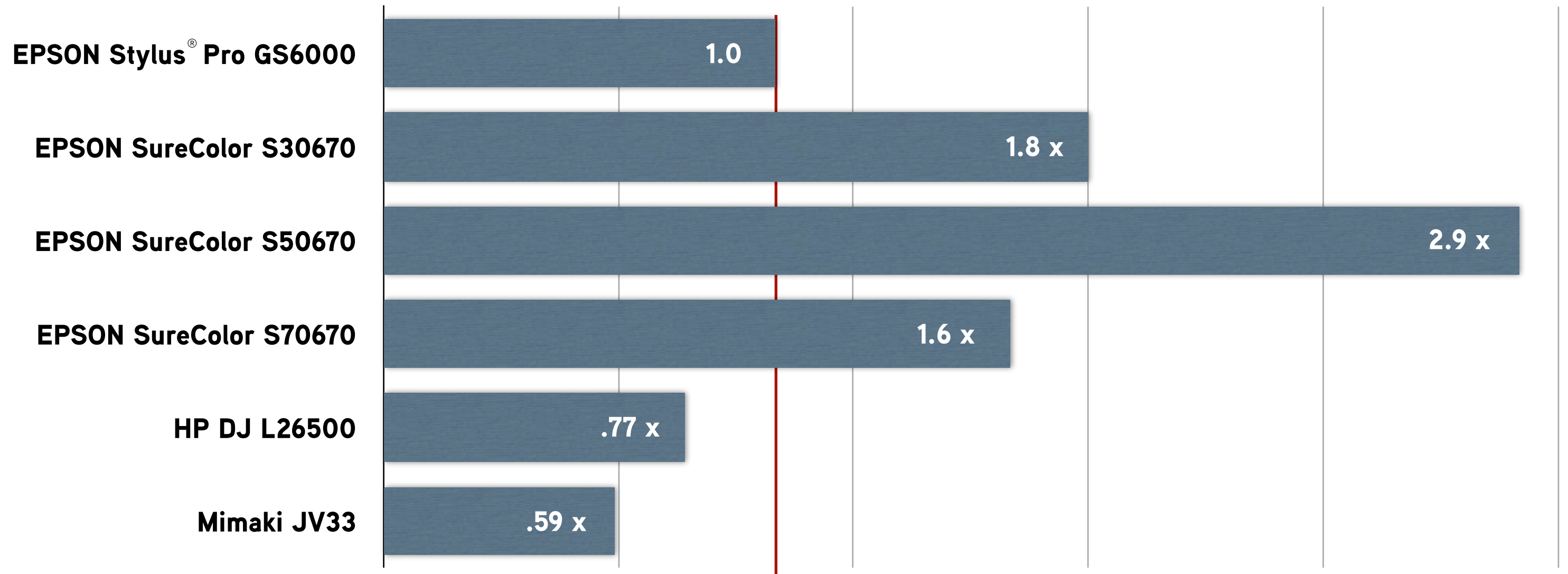


For details on how to best use this new EPSON ink technology with your particular RIP, please consult our RIP vendor.



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Full Color Banner Print Mode - Longer Bars are Better



Times Faster than an EPSON Stylus Pro GS6000



EPSON RIP Strategy



■ Extremely Easy to Use

- Simple tools for sizing, cropping, tiling, and nesting
- Easy workflow for printer operations - including a full RIP-queue
- Built-in ability to add and recalibrate media
- Included white and metallic silver print capability and common profiles

■ Professional Print Quality

- Includes both EPSON AccuPhoto and ONYX screening technologies
- Epson provides profiles for the top-selling solvent media
- True PANTONE® Spot Color matching

■ Upgradeable

- As users grow, they can upgrade to a higher-end ONYX RIP solutions
- For heavy White and Metallic Silver ink use, an upgrade to Production House is recommended
- Add-on support for ONYX Cut Server - \$495





Media Strategy

Partnering with the World's Best Media Companies



robust
media
compatibility

■ Partnering with the World's Best Media Companies

- 3M, Avery, Neschen (Seal), UltraFlex, and more
- Epson includes about 100 total profiles for these companies' top media lines

■ The SureColor S-Series are Qualified Under the Following Media Warranty Programs

- 3M Performance Guarantee
- Avery Dennison ICS Warranty
- For more information visit the 3M and Avery web sites

■ Unique Epson Genuine Media Line

- EPSON GS Canvas Gloss; EPSON GS Canvas Satin
- EPSON GS Poster Paper Gloss
- EPSON DisplayTrans™ GS



EPSON **Warranty & Service Programs**

Award Winning Service & Support

award winning
service &
support



■ **Standard EPSON PreferredSM Limited Warranty**

- One-year on-site service
- Includes free phone support available Monday thru Friday
- Usually next business day on-site break fix service
- Warranty includes parts and labor

■ **Optional Extended EPSON Preferred Plus Plans**

- Three programs available - Silver, Gold, and Platinum
- Extends coverage when the in-box warranty ends
- Additional 1-year programs - stackable up to 3-years total
- Can be purchased at any time while under warranty or an extended plan

	SILVER	GOLD	PLATINUM
Service Period	1-Year	1-Year	1-Year
Number of Visits	2	3	Unlimited
Head Replacement (S30) ³	1	2	Unlimited
Head Replacements (S50/S70) ³	2	4	Unlimited
MSRP - SC-S30670	\$1,995	\$3,495	\$4,495
MSRP - SC-S50670	\$2,495	\$4,495	\$5,495
MSRP - SC-S70670	\$2,495	\$4,495	\$5,495

NOTES:

Customers may purchase up to two EPSON Preferred Plus Plans per printer model, for a total coverage of up to 3-Years (1 year of warranty and 2 years of extended service).
For the Silver and Gold Plans, the user gets the stated service period or stated number of visits, whichever occurs first, but never more than the stated number of head replacements.
For questions or the latest pricing, see an Authorized Epson Reseller.



Product **Comparisons**

EPSON SureColor S-Series

	EPSON SURECOLOR S30670	EPSON SURECOLOR S50670	EPSON SURECOLOR S70670
Maximum Printer Width	64-Inch	64-Inch	64-Inch
Print Head Configuration	MicroPiezo TFP	Dual MicroPiezo TFP	Dual MicroPiezo TFP
Print Speed - Production Mode	205 ft ² /hr	283 ft ² /hr	288 ft ² /hr
Solvent Ink Technology	EPSON UltraChrome GS2	EPSON UltraChrome GS2	Epson UltraChrome GSX
Maximum Color Configuration	4-Color	5-Color	10-Color
Color Configuration - Standard	C M Y K	Dual C M Y K	C M Y K + Lc Lm Lk Or
Color Configuration - Optional	NA	C M Y K + White	C M Y K + Lc Lm Lk Or + White + Silver
On-Board Ink Capacity for Color	700 ml	1,400 ml	700 ml
On-Board Ink Capacity for White	N.A.	1,200 ml	600 ml
On-Board Ink Capacity for Metallic Silver	N.A.	N.A.	350 ml
Platen Gap Settings	1.5 mm / 2.0 mm / 2.5mm	1.5 mm / 2.0 mm / 2.5mm	1.5 mm / 2.0 mm / 2.5mm
Three Stage Media Heating System - Pre, Platen, Post	Off or 30 to 55 degrees Celsius	Off or 30 to 55 degrees Celsius	Off or 30 to 55 degrees Celsius
Additional High-Speed Print Dryer	Optional	Standard	Optional
Heavy-Duty Roll Media System	Optional	Optional	Optional
Standard Connectivity	USB 2.0 & Gigabit Ethernet	USB 2.0 & Gigabit Ethernet	USB 2.0 & Gigabit Ethernet
Standard RIP Vendor	ONYX GamaPrint Pro	ONYX GamaPrint Pro	ONYX GamaPrint Pro
Standard Limited Warranty	1-Year On-Site	1-Year On-Site	1-Year On-Site
MSRP - Printer	\$16,995	\$25,995	\$25,995

This Color Represents a Significant Difference

	SC-S30670	SC-S50670	SC-S70670
MSRP - Color Ink Cartridge (700 ml)	\$174.95 (\$0.25 ml)	\$174.95 (\$0.25 ml)	\$174.95 (\$0.25 ml)
MSRP - White Ink Cartridge (600 ml)	N.A.	\$229.95 (\$0.38 ml)	\$229.95 (\$0.38 ml)
MSRP - Metallic Silver Ink Cartridge (350 ml)	N.A.	N.A.	\$249.95 (\$0.71 ml)

NOTES:

Pricing shown as MSRP. Actual dealer pricing may vary.

The per ml ink cost shown is a simple estimate derived from MSRP divided by cartridge fill volume. This estimate does not necessarily reflect the actual cost of ink for a particular print, which can vary considerably based on image printed, print settings, paper type, frequency of use and temperature. For print quality, a variable amount of ink remains in the cartridge after the “Replace Cartridge” indicator comes on.

For questions or the latest pricing, see an Authorized Epson Reseller.

the way
solvent printing
should be.



■ Extreme Print Speeds

- Be more productive - Get more done

■ Amazing Photographic Print Quality

- Provides for more opportunities - Keeps customers happy and coming back

■ Highly Reliable

- More uptime - Less downtime

■ Environmentally Responsible

- Less harmful chemistry - Lower power consumption

■ Complete Media Versatility

- Print on virtually anything - White, clear, even color-based media types

■ Low Initial Investment & Low Everyday Cost-of-Ownership

- Be more profitable - Grow your business!



Footnote Definitions

- 1** - The printer is designed to use only EPSON ink cartridges and not other brands of new or refilled cartridges, or other brands of ink or bulk ink systems. Using EPSON cartridges is important for reliable performance and high image quality. Epson offers voluntary recycling of spent ink cartridges.
- 2** - Based on testing of one printer in a room of 180 m³ and a ventilation coefficient of 2.2 (without any fan or air conditioning). For more information, see the MSDS sheets at www.proimaging.epson.com
- 3** - The print head is a maintenance part which the user is responsible to replace when necessary. However, Epson covers head replacement while the printer is under the Epson Preferred Limited Warranty and under any Preferred Plus Plan (limited or unlimited number of head replacements, depending on the Preferred Plus Plan purchased). The life of the print head will vary depending on the user's print volume, print patterns and heater temperature for print settings. Doing proper user maintenance of the print head will help prolong its life.
- 4** - Three-year durability is an estimate based on accelerated testing by Epson according to ISO 18930, on 3M ControlTac IJ180-10 film in a vertical display orientation in simulated outdoor display conditions. Actual durability can vary significantly. The estimate does not include prints made using orange, white or silver metallic inks. EPSON MAKES NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AS TO IMAGE DURABILITY ON ANY MEDIA OR IN ANY CONDITIONS. EPSON HAS NO LIABILITY OF ANY KIND FOR FADING OR ANY OTHER CHANGE IN A PRINT NO MATTER HOW DISPLAYED. Some media providers, such as 3M and Avery, do warrant image durability for these Epson printers; see the provider's website for details. See proimaging.epson.com for Epson tips on enhancing durability.

All stated cartridge volumes are fill volumes.



Specifications are Subject to Change Without Notice

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